

## ABSTRACT OF THE INVENTION

A system and method for performing write operations in a disk drive having a write stack drive is disclosed. The disk drive has two drives, a normal drive and a write stack drive. The write stack receives a 5 write command from an array controller and performs write stack operations to store data from the write operations of the write command. The write stack drive includes a non-volatile stack cache memory comprising tracks to store the data. A metadata file identifies the current data stored within the write stack drive. The normal drive then executes 10 the write operations of the write command.